

10/530781

**NATIONAL PHASE
UTILITY APPLICATION**
Transmittal to the (DO/EO/US)
Under 35 USC 371

Attorney Docket No.: DECLE59.010APE
 First Named Inventor: Adrian-Gelu Boborodea
 Int'l Application No.: PCT/EP2003/011044
 Int'l Filing Date: October 7, 2003
 Priority Date Claimed: October 9, 2002
 Title: COLUMN FOR ANALYTICAL TEMPERATURE RISING
 ELUTION FRACTIONATION (ATREF)
 Express Mail Label No.: EV 309074627 US

Direct all correspondence to Customer No.: 20995

Date: April 7, 2005
 Page 1 of 2

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 Alexandria VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

- | | |
|--------------------------|---------------------|
| 1. Adrian-Gelu Boborodea | 2. Christian Bailly |
| 3. Daniel Daoust | 4. Alain Jonas |
| 5. Bernard Nysten | |

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) This is an Express Request to begin national examination procedures (35 U.S.C. § 371(f)).
- (X) The U.S. has been elected (Article 31).
- (X) A copy of the International Application as published is attached hereto.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.
- (X) A copy of the International Preliminary Examination Report as prepared by the EPO is attached hereto.
- (X) Preliminary Amendment in 5 pages.

OTHER APPLICATION PARTS:

- (X) Return prepaid postcard.

FILING FEES:

The present application qualifies for Small Entity Status under 37 CFR 1.27.

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JC13 Rec'd PCT/PTO 07 APR 2005

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 Page 2 of 2

FEE CALCULATION				
FEES TYPE & DETERMINATION		SMALL FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		2631 (\$150)		\$150
Search Fee under 1.492(b) (<i>enter one in TOTAL column</i>)				
(1) USPTO was the ISA		2641 (\$50)		\$200
(2) Foreign Search Report Enclosed		2642 (\$200)		
(3) No Search Report Enclosed		2632 (\$250)		
Examination Fee under 1.492(c) (<i>enter one in TOTAL column</i>)				
(1) USPTO was IPEA & claims satisfy Art. 33 (1)-(4))		2643 (\$50)		\$100
(2) Non US IPEA / Noncompliant Claims		2633 (\$100)		
Excess Claims	21 - 20 =	2615 (\$25)	1 x 25 =	\$25
Excess Ind. Claims	1 - 3 =	2614 (\$100)	0 x 100 =	\$0
Multiple Dep. Claim		2616 (\$180)		\$0
Application Size Fee	- 100 =	2681 (\$125)	0 x 125 =	\$0
Late English Translation		1618 (\$)		
Assignment		8021 (\$40)	0 x 40 =	\$0
			TOTAL FEE DUE	\$475
			TOTAL FEE PAID (If Different Than Fee Due)	\$475

(X) A check in the amount of \$475 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.


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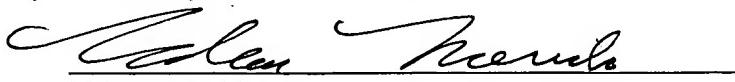
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : DECLE59.010APC
Applicant(s) : Adrian-Gelu Boborodea, et al.
For : COLUMN FOR ANALYTICAL
TEMPERATURE RISING ELUTION
FRACTIONATION (ATREF)
Attorney : Karoline A. Delaney
"Express Mail" Label No. : EV 309074627 US
Date of Deposit : April 7, 2005

I hereby certify that the accompanying

Transmittal letter; A copy of the International Application as published; a Preliminary Amendment in 5 pages; a copy of the International Preliminary Examination Report; \$475 check for Filing Fees; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Nelson Merida

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